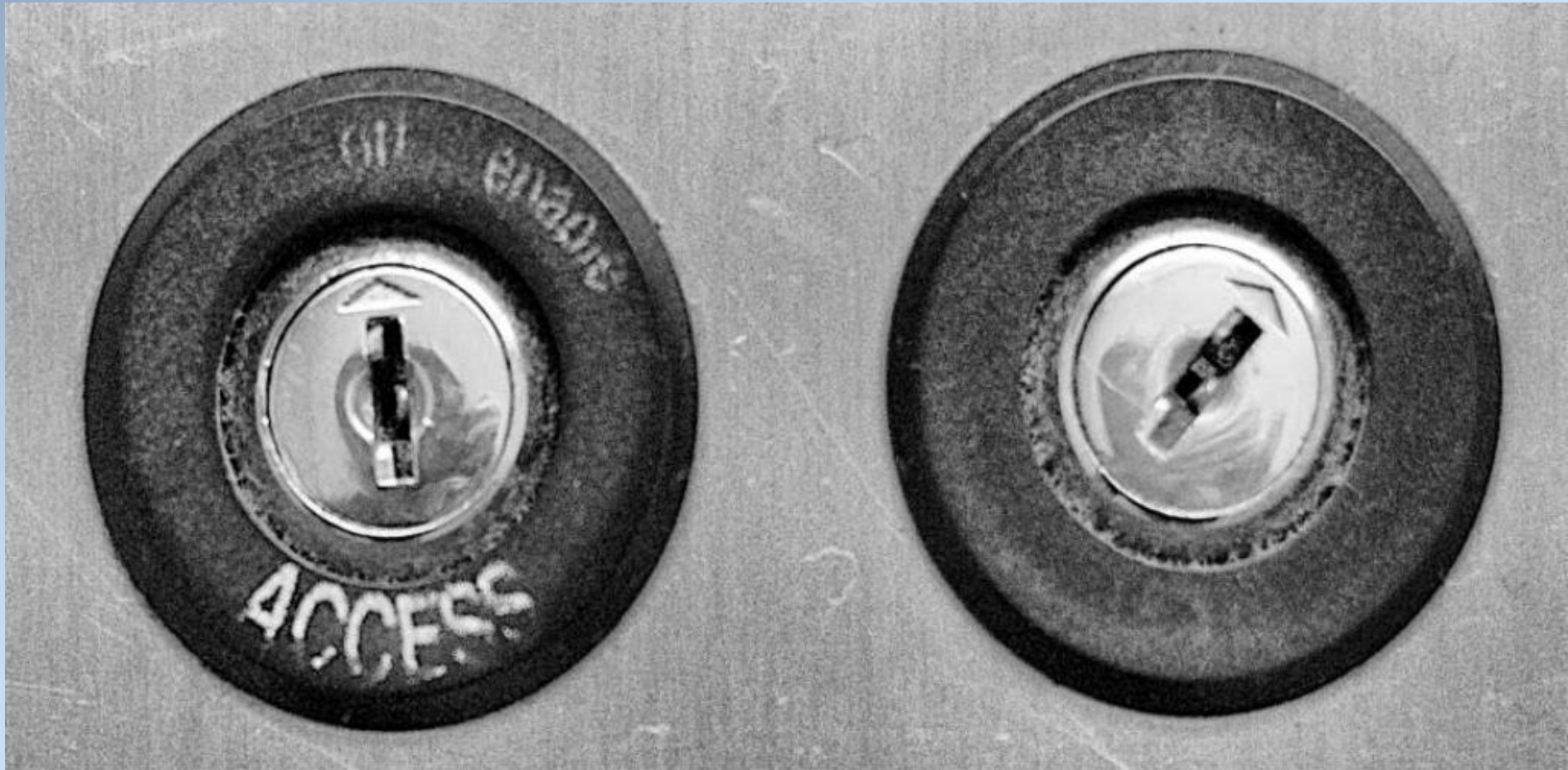




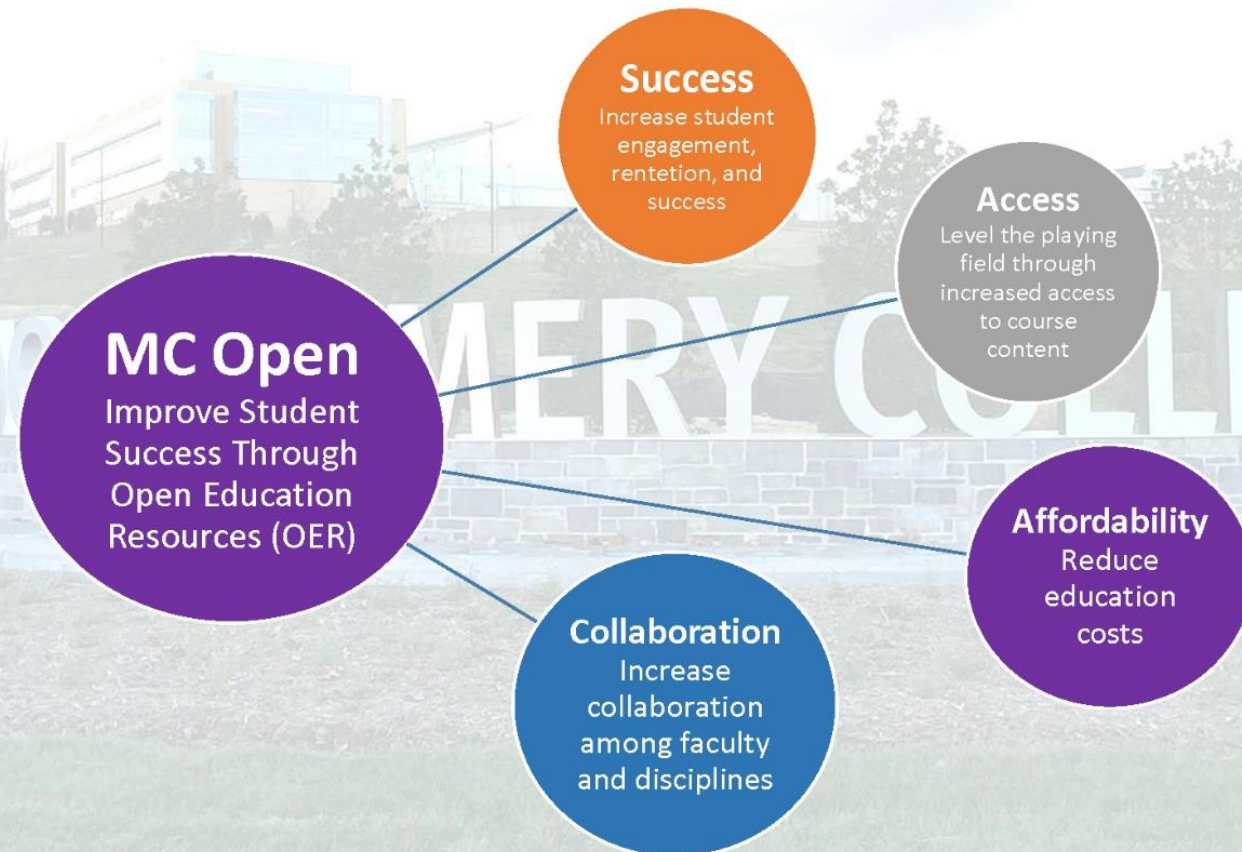
Improving Course Success Rates While Reducing Student Textbook Costs



It's not a movement about textbooks; it's a movement about access.

Montgomery College

MCOPEN



Z-Course Growth

- Spring 2017
 - 62 Courses
 - 200 Sections
 - 95 different faculty
 - 3400 students enrolled
- Fall 2017
 - 91 Courses
 - 322 Sections
 - 169 different faculty
 - 6400+ students enrollment

Student Engagement- Spring 2017

Online Courses			All Courses	
Average Minutes	Z courses	Non Z	Z courses	Non Z
	35,898	859	5,845	234
Average Interactions	Z courses	Non Z	Z courses	Non Z
	17,117	438	3,575	131
Average Course Accesses	Z courses	Non Z	Z courses	Non Z
	1,321	34	507	17

Student Engagement- Fall 2017

	Online Courses		All Courses	
	Z courses	Non Z	Z courses	Non Z
Average Minutes	42,436 (+18%)	1,086 (+26%)	14,381 (+46%)	234 (0%)
Average Interactions	18,500 (+8%)	449 (+2%)	6,301 (+76%)	97 (-26%)
Average Course Accesses	1,359 (+2%)	33 (-3%)	759 (+50%)	15 (-12%)

Student Success by Ethnicity

Ethnicity	Spring 2017		Fall 2017	
	F2F Z courses	F2F Non Z-Courses	F2F Z courses	F2F Non Z-Courses
Black/African American	80.72%	75%	76%	74.9%
Hispanic	87.1%	82.2%	78.3%	81%
Asian	85%	82.8%	81.4%	81.6%
White	82.3%	79.9%	77.6%	79.3%

Student Success by Ethnicity by Gender

Spring 2017		F2F Z courses	F2F Non Z-Courses
Black/African American	Male	81.2%	71.7%
	Female	80.4%	77.7%
Hispanic	Male	97.2%	80.9%
	Female	76.7%	83.4%
Asian	Male	84.2%	79.5%
	Female	88.5%	85.9%
White	Male	81.3%	76.6%
	Female	83%	82.9%

***Only credit course success reflected. Excludes developmental courses**

Student Success by Ethnicity by Gender

Fall 2017		F2F Z courses	F2F Non Z-Courses
Black/African American	Male	74.8%	70.5%
	Female	77.2%	78.6%
Hispanic	Male	77.1%	76.1%
	Female	79%	84.7%
Asian	Male	77%	76.6%
	Female	86.2%	86.6%
White	Male	74.9%	75.5%
	Female	81.4%	83.3%

***Only credit course success reflected. Excludes developmental courses**

Credits Attempted vs. Credits Earned

	Spring 2017			Fall 2017		
	Attempted	Earned		Attempted	Earned	
Z Courses	10,651	8,505	79.85%	19,302	15,370	79.6%
All Courses	249,505	145,715	58.4%	259,153	141,242	54.5%

Additional Resources

- MC Open –
 - <https://cms.montgomerycollege.edu/mc-open/>
- Student Testimonials –
 - <https://www.youtube.com/watch?v=pyo5VBiwSW8>
- Registration video –
 - <https://youtu.be/r3JBWogXqSo>

Scaling Initiatives

- Creating 'common course'
- Engaging part-time faculty
- Marketing benefits to students
- Offering PD to faculty
- Identifying sections in course schedules
- Advising students properly
- Gaining administrator support

Barriers to Success

- Cost to develop/incorporate OER content
- Resistance to losing bookstore revenue
- Competition from publishers
- Resources bundled with textbooks
- Proprietary technology

Lessons Learned

- Get faculty buy-in
- Engage students
- Work with bookstore
- Understand OERs not available for every discipline
- Focus on quality of content, not volume
- Implement team approach for ease of scalability
- Plan for curation of materials
- Offer continuous professional development
- Partner with other divisions

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